r	AIENIA	FFLICATI	ONTELD					//	1216	1	<u> </u>	
CLAIMS AS FILED - PART I				RT I (Column 2)		s	MALL E	NTITY		OTHER THAN OR SMALL ENTITY		
				NUMBER EXTRA		Γ	RATE	FEE		RATE	FEE	
BASIC FEE									\$ 315.00	OR		\$ 630.00
TOTAL	CLAIMS		minus	20 =	*			x \$10=		OR	x \$20 =	
INDEF	ENDENT CLAI	MS	minu	ıs 3 =	3 = *			x 30 =		OR	x 60 =	
MUL	TIPLE DEPEN				+ 100 =		OR	+ 200 =				
If the	difference in colur	nn 1 is less then:	zero, enter "0" in c	olumn 2				TOTAL		OR	TOTAL	630
* If the difference in column 1 is less then zero, enter "0" in column 2 CLAIMS AS AMENDED (Column 1) (Column 1)					- PART II	(Column 3)		SMALL E	NTITY	Δ D	OTHER T	
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMEN		NU PRE\	HEST MBER /IOUSLY D FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
₫	Total	• 5	Minus	** (20	=		x \$10=		OR	x \$20 =	
MEN	Independent	* /	Minus	***	2	=		x 30 =		OR OR	x 60=	
₹	FIRST PRES	SENTATION O	F MULTIPLE DE	PENDE	NT CLAIM		11	+ 100 =		OR	+ 200 =	·
		10.1 1)	·	·C-	lumn 2)	(Column 3)	ΔDΓ	TOTAL DIT. FEE		OR	TOTAL DDIT. FEE	
ENT B		(Column 1) CLAIMS REMAINING AFTER AMENDMEN		HIC NU PRE	GHEST JMBER VIOUSLY ID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
MENDMENT	Total	.30	Minus	** (λ D	= 10		x \$10 =		OR OR	x \$20 =	226,00
	independent	. 3	Minus	***	3	= -	\prod	x 30 =		OR	x 60 =	-
۷	FIRST PRE	SENTATION (F MULTIPLE D	EPEND	ENT CLAIM	21 11][+ 100 =		OR	+ 200 =	
		(Column 1)		(Co	olumn 2)	(Column 3)	Αſ	TOTAL DDIT. FEE		ORA	TOTAL DDIT. FEE	220.00
ENT C		CLAIMS REMAININ AFTER AMENDMEI		NI PRE	GHEST UMBER EVIOUSLY AID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
Z D W	Total	37	Minus	**	30	= 7)		x \$10 =		OR	-22 x \$20 =	154.00
AMENDMENT	Independent	* 14/	Minus	***	3	=		x 30 =		OR	X60-	74.0t
	FIRST PRESENTATION OF MULTIPLE DEPENDE				ENT CLAIM			+ 100 =		OR	+ 200 =	
* If	the entry in colu	ımn 1 is less th	an the entry in o	olumn 2 HIS SP	, write "0" in a	column 3. han 20, enter "20	• D". A	TOTAI		OR	TOTAL ADDIT. FEE	228.10
*** 14	tha "Highast Nu	mbor Drovinus	y Daid For IN T	HIS SP	ACF is less t	han 3. enter "3".						
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. FORM PTO-875 FOR FEES Effective Nov-5-1990 Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE												

Application or Docket Number

								Activities and activities activities and activities activities and activities activities and activities activities activities and activities activ	
	CLAIMS	AS FILED (Column 1)	The state of the s	lumn 2)		ENTITY	OR	OTHE SMALI	R THAN ENTITY
FOR	NUME	BER FILED	NUMBER	EXTRA	RATE	FEE	1	RATE	FEE
BASIC FEE					3	380.00	OR		760.00
TOTAL CLAIMS		i minus	s 20= *	No.	X\$ 9=		OR	· Section in	
NDEPENDENT	CLAIMS	minu	s3=*		X39=	. X/	OR	X78=	
(ULTIPLE DEP	ENDENT CLAIM I	PRESENT		李清楚等					
If the differen	ce in column 1 is	s less than	zero, enter "0" in	oolumn 0	+130=		OR	+260=	
				Column 2	TOTAL		OR	TOTAL	
I			D - PART II (Column 2)	(Column 3)	SMALL	ENTITY	OR		THAN ENTITY
Total Independent	CLAIMS REMAINING AFTER AMENDMENT	S 100 PS	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
Total	. 31	Minus	- 38		X\$ 9=	Å	OR	X\$18=	1.0
Independent		Minus ;	*** 10	- 3	X39=	- 1 Te		X78=	157
FIRST PRES	SENTATION OF M	ULTIPLE DE	PENDENT CLAIM	NOTE: SE		్ గ్రామంలోని కే మారకాలోని కే	OR		156
	Salar Sa	and the same					I	1000	100
					+130=		OR	+260=	
					TOTAL			TOTAL	156
	(Column 1)		(Column 2)	(Column 3)	7.74			e colf	156
	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	TOTAL	ADDI- TIONAL FFF		TOTAL	ADDI- TIONAL
Total	CLAIMS REMAINING AFTER	Minus	HIGHEST NUMBER PREVIOUSLY	PRESENT	TOTAL ADDIT. FEE RATE		OR	TOTAL ADDIT: FEE RATE	ADDI-
Total Independent	CLAIMS REMAINING AFTER AMENDMENT	Minus Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT	TOTAL ADDIT. FEE RATE X\$ 9=	TIONAL		TOTAL ADDIT: FEE RATE X\$18=	ADDI- TIONAL
Independent	CLAIMS REMAINING AFTER AMENDMENT *	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	TOTAL ADDIT. FEE RATE	TIONAL	OR	TOTAL ADDIT: FEE RATE	ADDI- TIONAL
Independent	CLAIMS REMAINING AFTER AMENDMENT *	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	TOTAL ADDIT. FEE RATE X\$ 9=	TIONAL	OR OR	TOTAL ADDIT: FEE RATE X\$18=	ADDI- TIONAL
Independent	CLAIMS REMAINING AFTER AMENDMENT *	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	TOTAL ADDIT. FEE RATE X\$ 9= X39= +130= TOTAL	TIONAL	OR OR OR	TOTAL ADDIT: FEE RATE X\$18= X78= +260= TOTAL	ADDI- TIONAL
Independent	CLAIMS REMAINING AFTER AMENDMENT *	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR ** PENDENT CLAIM	PRESENT EXTRA	TOTAL ADDIT. FEE RATE X\$ 9= X39= +130=	TIONAL	OR OR OR	TOTAL ADDIT: FEE RATE X\$18= X78= +260=	ADDI- TIONAL
Independent	CLAIMS REMAINING AFTER AMENDMENT * * SENTATION OF M	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	TOTAL ADDIT. FEE RATE X\$ 9= X39= +130= TOTAL ADDIT. FEE	ADDI- TIONAL	OR OR OR	TOTAL ADDIT: FEE RATE X\$18= X78= +260= TOTAL	ADDI- TIONAL FEE
Independent	CLAIMS REMAINING AFTER AMENDMENT * * COlumn 1) CLAIMS REMAINING AFTER	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR ** PENDENT CLAIM (Column 2) HIGHEST NUMBER PREVIOUSLY	PRESENT EXTRA = (Column 3) PRESENT	TOTAL ADDIT. FEE RATE X\$ 9= X39= +130= TOTAL ADDIT. FEE	ADDI- TIONAL FEE	OR OR OR OR	RATE X\$18= X78= +260= TOTAL DDIT. FEE	ADDI- TIONAL FEE
Independent FIRST PRES	CLAIMS REMAINING AFTER AMENDMENT * * COlumn 1) CLAIMS REMAINING AFTER	Minus ULTIPLE DE	HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** COlumn 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA (Column 3) PRESENT EXTRA	TOTAL ADDIT. FEE RATE X\$ 9= X39= +130= TOTAL ADDIT. FEE RATE X\$ 9=	ADDI- TIONAL FEE	OR OR OR	TOTAL ADDIT: FEE X\$18= X78= +260= TOTAL DDIT: FEE RATE X\$18=	ADDI- TIONAL FEE
Independent FIRST PRES Total Independent	CLAIMS REMAINING AFTER AMENDMENT * * COlumn 1) CLAIMS REMAINING AFTER	Minus ULTIPLE DE	HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** COlumn 2) HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** *** *** ***	PRESENT EXTRA (Column 3) PRESENT EXTRA	TOTAL ADDIT. FEE RATE X\$ 9= X39= +130= TOTAL ADDIT. FEE	ADDI- TIONAL FEE	OR OR OR OR	RATE X\$18= X78= +260= TOTAL DDIT. FEE	ADDI- TIONAL FEE
Independent FIRST PRES Total Independent FIRST PRES	CLAIMS REMAINING AFTER AMENDMENT * COlumn 1) CLAIMS REMAINING AFTER AMENDMENT * ENTATION OF MI	Minus ULTIPLE DE	HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** COlumn 2) HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** *** *** ***	PRESENT EXTRA (Column 3) PRESENT EXTRA	TOTAL ADDIT. FEE RATE X\$ 9= X39= +130= TOTAL ADDIT. FEE RATE X\$ 9=	ADDI- TIONAL FEE	OR OR OR OR	TOTAL ADDIT: FEE X\$18= X78= +260= TOTAL DDIT: FEE RATE X\$18=	ADDI- TIONAL FEE

FORM PTO-878 (Rev. 11/98)

				Application or Docket Number							
PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 1992 07 70265											
		CLAIMS	AS FILED - (Column 1)	umn 2)	SMA	SMALL ENTITY			OTHER T		
FOR NUMBER FILED NUMBER EXTRA							TE	FEE		RATE	FEE
BASIC FEE								\$355.00	OR		\$710.00
TOTA	L CLAIMS		minu	s 20 = *		x\$1	1=		OR	x\$22=	
INDE	PENDENT CLA	IMS	minu	ıs 3 = *		x 37=		OR	x 74=		
MU	LTIPLE DEPEN	DENT CLAIM PF	RESENT			+1	15=		OR	+230=	
* If the	difference in colu	mn 1 is less then ze	ero, enter "0" in c	olumn 2		ТО	TAL		OR	TOTAL	
		CLAIN (Column 1)	IS AS AME	NDED - PART II	(Column 3)	SM.	ALL E	ENTITY	OR	OTHER T	
AMENDMENT X	Ď	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RA	TE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
WQ	Total	*	Minus	**	=	x\$1	x\$11=		OR	x\$22=	
MEN	Independent	*	Minus	***	=	x 3	37=		OR OR	x 74=	
	FIRST PRE	ESENTATION OF MULTIP		TIPLE DEPENDENT CLAIM		+ 1	15=		OR	+230=	•
		(Column 1)		(Column 2)	(Column 3)	TC ADDIT.	TAL FEE		OR A	TOTAL DDIT. FEE	
DMENŢ:B	Ħ	CLAIMS REMAINING AFTER AMENDMENT	-	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	x\$11= x 37=	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
Δ	Total	*	Minus	**	=		11=		OR OR OR	x\$22=	
AMEN	Independent	*	Minus	***	=		37=			x 74=	
۲	FIRST PRE	SENTATION OF	MULTIPLE DI	EPENDENT CLAIM		+ 1	15=		OR	+ 230=	
		(Column 1)		(Column 2)	(Column 3)	T ADDIT	OTAL . FEE		OR	TOTAL DD:T. FEE	
AMENDMENT	F	CLAIMS REMAINING AFTER AMENDMEN ⁻	Г	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	R	ATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
ΔQ	Total	*37	Minus	** 37	= 5	x\$	1=	<u> </u>	OR	x\$22=	
ME	Independent	* 6	Minus	*** 6	= 2	x	37=		OR	x 74=	
	FIRST PRE	SENTATION OF	MULTIPLE D	EPENDENT CLAIM] +1	15=		OR	+230=	
· 1f	the entry in colu	mn 1 is less than	the entry in co	olumn 2, write "0" in o	column 3. han 20. enter *20)*. ADDI	TOTAL		OR	TOTAL ADDIT, FEE	
*** 15	the "Highest Nu	mber Previously	Paid For" IN T	HIS SPACE is less the	nan 3. enter "3".						
L T	The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.										

PATENT APPLICATION FEE DETERMINATION RECORD

Effective November 10, 1998

Application or Docket Number

JE-4 (1534-13)

		CLAIMS AS (℃	SMALL E	SMALL ENTITY TYPE (OTHER SMALL E				
FO	R	NUMBER	RFILED	NUMBER E	XTRA	RATE	FEE		RATE	FEE
BAS	SIC FEE						380.00	OR		760.00
TOT	TAL CLAIMS		minus 20	= *		X\$ 9=		OR	X\$18=	
	EPENDENT CLA		minus 3	= *		X39=		OR	X78=	
MU	TIPLE DEPEND		+130=		OR	+260=	·			
* If 1	the difference i	n ∞lumn 1 is le	ess than zero	o, enter "0" in o	olumn 2	TOTAL		OR	TOTAL	760
	CL	AIMS AS AI	MENDED	- PART II (Column 2)	(Column 3)	SMALL	ENTITY	OR	OTHER SMALL	
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
Ž D M D M	Total	* 37	Minus	# 20	= 7	X\$ 9=	:	OR	X\$18=	30600
AME	Independent	10	Minus	*** 3	= 9	X39=		OR	X78=	7020
H	FIRST PRESE	NTATION OF MU	LTIPLE DEPI	ENDENT CLAIM		+130=		OR	+260=	İ
	•		-	. •		TOTAL ADDIT, FEE		OR	TOTAL ADDIT. FEE	
		(Column 1)		(Column 2)	(Column 3)			_		K
ENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMENT	Total	*	Minus	**	=	X\$ 9=		OR	X\$18=	
AME	Independent	*	Minus	***	=	X39=		OR	X78=	
F	FIRST PRESE	NTATION OF MI	JLTIPLE DEP	ENDENT CLAIM		+130=		OR	+260=	
						TOTAL ADDIT. FEE		┪ _╱ ╻╵	TOTAL ADDIT. FEE	
1		(Column 1)		(Column 2)	(Column 3)	ADDIT. FEE			70011.1 22	,
AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAI FEE
MON	Total	*	Minus	**	=	X\$ 9=		OR	X\$18=	
AME	Independent	*	Minus	***	=	X39=		OR	X78=	
F	FIRST PRESE	ENTATION OF M	ULTIPLE DEF	PENDENT CLAIM	Λ	+130=		OR	+260=	
+	If the "Highest Nu	imber Previously P	ald For IN THI	mn 2, write "0" in c S SPACE is less th S SPACE is less th	an 20, enter "20."	TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Application of Docket Number PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 1997 **CLAIMS AS FILED - PART I SMALL ENTITY** OTHER THAN SMALL ENTITY OR (Column 1) (Column 2) TYPE [**FOR NUMBER FILED NUMBER EXTRA** RATE FEE RATE FEE **BASIC FEE** 395.00 OR 790.00 **TOTAL CLAIMS** minus 20 = x\$11= x\$22= OR INDEPENDENT CLAIMS minus 3 = x41 =x82 =OR MULTIPLE DEPENDENT CLAIM PRESENT +135= +270= OR If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL TOTAL OR **CLAIMS AS AMENDED - PART II** OTHER THAN (Column 1) (Column 2) (Column 3) OR SMALL ENTITY **SMALL ENTITY CLAIMS** HIGHEST REMAINING ADDI-**PRESENT** ADDI-NUMBER AFTER RATE TIONAL **EXTRA** AMENDMENT **PREVIOUSLY** RATE TIONAL AMENDMENT FEE PAID FOR FEE. Total Minus x\$11=x\$22=OR Independent Minus x41 =x82 =OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +135= OR +270= TOTAL TOTAL OR ADDIT. FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) **CLAIMS** HIGHEST REMAINING ADDI-ADDI-**NUMBER** PRESENT RATE TIONAL RATE TIONAL **AFTER PREVIOUSLY EXTRA** AMENDMEN FEE **AMENDMENT** FEE PAID FOR Total Minus x\$11= OR x\$22== Independent Minus x41=x82 =OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +135= OR +270= TOTAL TOTAL OR ADDIT. FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT **TIONAL** RATE TIONAL **RATE AFTER PREVIOUSLY EXTRA** AMENDMENT FEE FEE AMENDMENT **PAID FOR Total** Minus x\$22=x\$11=OR Independent Minus x41 =OR x82 =FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +135= OR +270=

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

OR

TOTAL

ADDIT. FEE

TOTAL

ADDIT. FEE